

Virtual Service

Basics

Name: Radius virtual service

Status: ☒ Enabled ☐ Disabled

Encryption Options

LB Type: Layer 7

Service: radius_auth

WAN Link: vip

Default Node Pool: Radius node pool

Scheduling Policy: (0 - 100 scheduling policies)

Network Policy

QoS Policy: -- Disabled --

SNAT Address Pool: -- Disabled --

Cancel OK



If you want to configure a virtual service for accounting RADIUS, please create a radius_acct virtual service as the above configuration steps again. Please note that when configure that virtual service, the session persistence method and node pool should be the same as the the one configured above.

14.5 Get Client IP

Background: The ADC is deployed in bypass mode. There are two LAN Web servers, and their access port are both 80. The ADC needs to load balances the servers by round robin method, and optimize the access to client. Web server needs to obtain the source IP address of real client.

Configuration steps are as follows:

1. Refer to Chapter 7, **Configuring Service** for creating a service. This step can be ignored

for there is HTTP service on the ADC by default.

2. Create a WAN link and add the WAN links to **IP Group** list. For how to configure the WAN link, please see Chapter 6, **Configuring WAN Link**.
3. Refer to Chapter 6, **Configuring Node Pool** for creating a node pool. Then add the IP address of the server into the **Nodes** list, and specify a node monitor. In **Node LB Mode** field, you can select **Round robin**, as shown below:

The screenshot shows the 'Node Pools' configuration window. The 'Basics' tab is selected. The 'Name' field contains 'web'. The 'Address Type' is set to 'IPv4/IPv6'. The 'Node LB Mode' is set to 'Round robin'. The 'Persistence' and 'Alternate Persistence' are both set to 'none'. The 'Node Monitor' section shows a list of available monitors: 'ping', 'ping6', 'connect_tcp', 'connect_udp', 'http', 'ftp', and 'pop3'. The 'Node Activation' is set to 'All'. The 'Recovery Time' and 'Warm-up Period' are both set to '0 seconds'. Under 'Excessive New Connection Requests', the 'Set to scheduling failure' radio button is selected. Under 'Connections', the 'All in any status' radio button is selected. The 'Member Nodes' section has a 'View Nodes' button. At the bottom are 'Cancel' and 'OK' buttons.

4. Refer to Chapter 6, **Configuring Acceleration Policy** for creating a acceleration policy and enable **Get Client IP** option, as shown in the following figure:

SchedulingAccelerationHTTP RewritingHTTP ProtectionTCPSL OffloadEncryptionDownload Control

Basics

NameAcceleration policy

HTTP Connection Pool

StatusEnabledDisabled

HTTP Content Caching

StatusEnabledDisabled

HTTP Content Compression

StatusEnabledDisabled

Others

Get Client IPEnableDisable

HTTP Header NameX-Forwarded-For

Use the IP in Header to ConnectServerEnabledDisable

CancelOK

5. Refer to Chapter 6, **Configuring Virtual Service** to create a layer 7 virtual service, and associate the configured options, as shown below:

Virtual Service

Basics

Name

Transmit Client IP to backend server

Status

☒ Enabled
 ☐ Disabled

Encryption Options

LB Type

Layer 7

Service

http

WAN Link

Application distribution

Default Node Pool

web

Scheduled Request

☐ The first request
 ☒ Every request

Scheduling Policy

-- Disabled --
[\[Select More \]](#)

Network Policy

TCP Policy

Layer 7 Virtual Service TCP Policy

QoS Policy

-- Disabled --

SNAT Address Pool

Auto

Application Policy

Acceleration Policy

Acceleration policy

HTTP Protection Policy

HTTP Protection Policy

SSL Encryption Policy

-- Disabled --
[\[Select More \]](#)

iPro

-- Disabled --
[\[Select More \]](#)

Cancel

OK

14.6 Inbound Scheduling Policy

Background: There are two LAN Web servers: A and B, which provide the same domain name service, and their access port are both 80. The domain name is sangfor. com. The ADC can load balances the servers with round robin method. The performance of serve A is higher than that of server B. The requests from special IP address 202. 96. 130. 36 need to be scheduled to server A always.

Configuration steps are as follows: